

**AMENDMENTS TO THE SPECIFICATION**

Please add the following new heading and abstract to a separate page of the specification following page 42:

**VII. ABSTRACT**

A flow cytometry system is disclosed for oscillating the exterior of a flow cytometer nozzle. Oscillating the exterior of a flow cytometer nozzle at selected oscillations or a sweeping range of oscillations disintegrates particles and gas entrapped within the flow cytometer nozzle. Adherents absorbed to the exterior of the flow cytometer nozzle may also be removed. An energy source (1) serves to generate a selected oscillation or range of oscillations. The energy source (1) is connected to a flexible transfer element (2) which conducts the electrical signals to an oscillation system (3). The oscillation system (3) turns the electrical energy from the energy source (1) into mechanical oscillations and is connected to a portable device (4) which disintegrates particles, dislocates gas within the flow cytometer nozzle and cleans the exterior of the flow cytometer aperture.